# Montana State-Level Student Information System



### File Interface Specification Montana 1.3b

March 8, 2007

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## **Table of Contents**

1 INTRODUCTION	3
1.1 Change Log	4
2 FILE SPECIFICATIONS	5
2.1 File Name	5
2.2 Header Record	6
2.3 Student Demographics	7
2.4 School Calendar / Schedule Structure	8
2.5 School Days	9
2.6 Enrollment	10
2.7 Program Participation.	10
2.8 Attendance Collection – Test Window Count	13
2.9 Attendance Collection – Fall Count	15
2.10 Attendance Collection – Spring Count	16
APPENDICES	
Appendix A	17
Appendix B	18
Appendix C	19
Appendix D	20
Appendix E	20
Appendix F	20
Appendix G	21
Appendix H	22
Appendix I	
Appendix J	
Appendix K	

#### 1 INTRODUCTION

The Montana Office of Public Instruction is continuing to implement the state-wide student achievement system, now called AIM (Achievement in Montana). From August through October 2006 districts have been busy submitting their student data in order to generate a unique statewide student ID. The next phase of the project is to provide Measured Progress the information necessary to register students for the CRT statewide assessment (Montana Comprehensive Assessment System, Phase 2) and create labels for the test answer sheets. This requires all students have their state IDs assigned before the December Assessment Pre-label collection.

In addition to the data submitted for the student ID, districts will need to enter enrollment data into AIM. The additional fields of information needed for this collection include School Code, Enrollment Start Status Code, Enrollment End Status Date, Enrollment End Status Date, Dropout Reason, and grade level.

### 1.1 Change Log

March 8, 2007	)7
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March 6, 2007	
General	Updated example records
Section 2.8, Attendance Collection – Testing Window Count	Added collection information and updated example
February 12, 2007	
General	Updated example records
January 10, 2007 – Changes from version 1	.2 to 1.3
Section 2.2, Header Record	Version number changed. Header record must now state the new version 1.3 (to be effective March 6, 2007)
Section 2.7, Program Participation	New import file and fields
Section 2.8, Attendance Collection – Testing Window Count	New import file and fields
Section 2.9, Attendance Collection – Fall Count	New import file and fields
Section 2.10, Attendance Collection – Spring Count	New import file and fields
Appendices	Added the following appendices: H, I, J, K
General	Document formatting changes – added section name to first row of table in each table.

#### **2 FILE SPECIFICATIONS**

Files must follow the exact naming conventions and record definitions defined below:

- All files will be tab delimited with a header record.
- If a field is not required it can be left blank, but the proper number of tabs must be in each record.
- All dates within the file will be in the format MM/DD/YYYY.
- Times within the file will be displayed in military (24 hour) time HH:MM:SS such as 23:00:00 for 11:00pm

#### 2.1 File Name

Files must be named with the legal entity number (maximum of 4 digits), underscore, then the date with the extension \*.tsv.

- Forward slashes are not allowed in file names, and should be left out.
- Please omit any leading zeros in the legal entity number.

#### **Example:**

Legal Entity 0063 submitting a file on 12/01/2006 would name the file: 63\_12012006.tsv

### 2.2 Header Record

The first line of all files will be the header record. This is required.

2.2 He	2.2 Header Record										
Field	Length	Name	Required	Validation	Code/Format	Description	Default if NULL				
1	2	Record Type	Yes	Always the value "HD"	HD	"HD" stands for Header.					
2	10	Date	Yes		MM/DD/YYYY						
3	8	Time	Yes		HH:MM:SS						
4	15	Version	Yes	Always the value "MT1.3"	MT1.3	This reflects the current version of the file interface specifications.					

#### **Example Record:**

Header Record submitted on March 15, 2007 at 4:00 pm:

HD 03/15/2007 16:00:00 MT1.3

### 2.3 Student Demographics

This record format contains basic student demographics fields.

- Typically there should be one record per student.
  - o The exception for this is when a student's name or identifying information changes while at a district
  - The state needs to maintain a history of all name changes for students, and the effective date controls when this name was used.

2.3 \$	2.3 Student Demographics										
Field	Length	Name	Required	Validations	Code/Format	Description	Default if NULL				
1	2	Record Type	Yes	Always the value "SD".	"SD	"SD" stands for Student Demographics.					
2	4	District Number	Yes	No zero padding. Allow any length between one and four characters.	Number	This is your Legal Entity Number. Omit any leading zeroes.					
3	9	Student's State ID	*	*Assigned at the State Edition level - Leave Blank	String(9)						
4	15	Student's Local ID	*	*Local ID mandatory if importing from another student information system and no state ID has been assigned	String(15)	Local ID must be unique within the school district.					
5	40	Last Name	Yes		String(40)						
6	35	First Name	Yes		String(35)						
7	20	Middle Name	No		String(20)						
8	3	Suffix	No	No Punctuation	String(2)	See Appendix F					
9	1	Gender	Yes		M	Male					
9	'	Gender	165		F	Female					
10	10	Birth Date	Yes		MM/DD/YYYY						
11	9	FILLER1	NO	FILLER	EMPTY	MUST HAVE TAB, NO DATA REQUIRED					
12	2	Race/Ethnicity	Yes	Requires zero padding	String(2)	See Appendix E					
13	2	FILLER2	NO	FILLER	EMPTY	MUST HAVE TAB, NO DATA REQUIRED					
14	10	FILLER3	NO	FILLER	EMPTY	MUST HAVE TAB, NO DATA REQUIRED					
15	10	FILLER4	NO	FILLER	EMPTY	MUST HAVE TAB, NO DATA REQUIRED					

#### **Example Records:**

A student record for Jane Doe:

HD -	03/15/2	2007:	12:00:0	IO =	MT1.3 ⊲			
SD∘	63∘	>	06321 -	Doe:	Jane:	M =	>	F∘
03/01/	1997-	05 -	>	>	>	4		

### 2.4 School Calendar / Schedule Structure

Not applicable at this time - Future Import

### 2.5 School Days

Not applicable at this time - Future import

#### 2.6 Enrollment

This record contains information to complete the enrollment record for the student.

- There will be at least 1 record per student per school calendar.
- Each grade a student attends will have a new record, and each time the student leaves and re-enters a school will have a new record.
- Start and End dates are inclusive to the enrollment, so that if a student's start date is 01/01/2006 and their end date is 02/01/2006 that means that 01/01 was the first day the student was enrolled, and 02/01 was the last day the student was enrolled.
- Only one enrollment can have Service Type equal to Primary for any given date.

2.6 E	2.6 Enrollment										
Field	Length	Name	Required	Validations	Code/Format	Description	Default if NULL				
1	2	Record Type	Yes	Always the value "EN"	EN	EN stands for Enrollment					
2	4	District Number	Yes	No zero padding, allow any length between one and four characters	String(4)	This is your Legal Entity Number. Omit any leading zeroes					
3	4	School Number	Yes	No zero padding, allow any length between one and four characters	String(4)	This is your School Code. Omit any leading zeroes.					
4	3	Calendar Number	Yes		Number	Needs to correspond with calendar set up in 2.4					
5	4	Year	Yes		Number	In the school calendar that spans 2006-2007, this would be the year 2007.					
6	9	Student's State ID	Yes	No zero padding	String(9)						
7	15	Student's Local ID	No	No zero padding	String(15)						
8	1	Service Type	Yes		String(1)	See Appendix D	Р				
9	10	Start Date	Yes		MM/DD/YYYY						
10	2	Start Status	Yes	Requires zero padding	String(2)	See Appendix A					
11	10	End Date	No		MM/DD/YYYY						
12	3	End Status	No		String(3)	See Appendix B					
13	2	Dropout Reason	*	Required if End Status = 300, 310, 320, 330, or 340 Requires zero padding	String(2)	See Appendix C					
14	2	Grade	Yes	Requires zero padding	String(2)	See Appendix G					

#### **Example Record:**

HD	03/05,	03/05/2007		9:04	MT1.3	
EN	133	191	1	2007	123456789	
06321	Р	08/22,	/2006	02		04

### 2.7 Program Participation

This record contains information for the Program Participation Collection. This data is necessary to meet Federal reporting requirements, and to determine sub-groups for calculating AYP.

• There will be at least 1 record per student per school calendar.

2.7 F	Progran	n Participation						
Field	Length	Name	Required	Validations	Code/Format	Description	Default if NULL	
1	2	Record Type	Yes	Always the value "PP"	PP	PP stands for Program Participation.		
2	4	District Number	Yes	No zero padding, allow any length between one and four characters	String(4)	This is your Legal Entity Number. Omit any leading zeroes.		
3	4	School Number	Yes	No zero padding, allow any length between one and four characters	String(4)	This is your School Code. Omit any leading zeroes.		
4	3	Calendar Number	Yes		Number	Needs to correspond with calendar set up in 2.4		
5	40	Last Name	No		String(40)			
6	35	First Name	No		String(35)			
7	9	Student's State ID	Yes	No zero padding.	String(9)			
8	15	Student's Local ID	No	No zero padding	String(15)			
					F	Free		
9	9 1 Fre	Free/Reduced Lunch	No	If NULL, then N	R	Reduced	N	
					N	Not Eligible		
40	4	CDED Ctatus	Na		Y	Yes	N	
10	1	SPED Status	No		N	No	N	
11	4	Section 504	No		Y	Yes	N	
11	1	Section 504	No		N	No	N	
12	1	Title I Porticipation	No		Y	Yes	N	
12	ı	Title I Participation	INO		N	No	IN	
					TAS	Public Targeted Assistance Program		
13	10	Title I Program Type	No		SWP	Public School wide Program	NULL	
	10	Thie Tr Togram Type	140		PRIVTITLEI	Private School Students	NOLL	
					NEG	Local Neglected Program		
4.	,	Title I Decadi			Υ	Yes		
14	1	Title I Reading	No		N	No	N	
4-		Tide I Made			Υ	Yes		
15	1	Title I Math	No		N	No	N	
40	,	Title I Colone	N1-		Υ	Yes	1	
16	1	Title I Science No	No		N	No	N	
47		N1-		Υ	Yes	h.:		
17	1	Title I Social Sciences	No		N	No	N	

#### 2.7 Program Participation Default Field Length Name Required **Validations** Code/Format Description if NULL Υ Yes 18 1 Title I Vocational/Career No Ν Ν No Υ Yes 19 1 Title I Instructional Other No Ν Ν No Υ Yes 20 1 Title I Health No Ν Ν No Υ Yes Title I 21 1 No Ν Guidance/Advocacy Ν No Υ Yes 22 1 Title I Support Other No Ν Ν No Υ Yes 23 Foreign Exchange Ν 1 No Ν No Υ Yes 1 Gifted/Talented Ν 24 No No Ν Υ Yes 21st Century 25 1 No Ν Ν No Υ Yes 26 1 Homeless No Ν Ν No Υ Yes Required if 27 1 McKinney Vento Ν $\dot{Homeless} = Y$ Ν No Homeless Night Time Required if See Appendix K 28 2 String(2) Homeless = Y Residence Υ Yes Required if 29 1 Unaccompanied Youth Ν Homeless = Y Ν No Must have tab, no data is 30 1 Filler Field No required. Zero padding 2 See Appendix H NULL 31 Language of Impact No String(2) required Zero padding 32 2 LEP Status No String(2) See Appendix I NULL required MM/DD/YYYY 33 10 Date Entered LEP No Yes 34 1 Title III No Ν Ν No Υ Yes 1 **Immigrant** Ν 35 No Ν No Immigrant Date Entered Required if 36 10 MM/DD/YYYY US School Immigrant = Y Required - must In the school calendar that

match the year for

the calendar

String(4)

Yes

37

4

Year

spans 2006-2007, this

would be the year 2007.

#### **Example Record**:

Jane Doe from District 0063, school 733 is eligible for the reduced lunch program, participates in a Title I Targeted Assistance Program, receives Title I reading and math services, participates in the 21st Century program, has been designated as LEP on 10/05/05 and whose primary language is Spanish.

1	HD:	02/25/2	007 -	16:00:0	0 -	MT1.34			
2	$PP$ $\circ$	63 -	733-	1 -	Doe∘	Jane	1234567	89 -	06321 -
	R -	N -	N =	Υ -	TAS:	Υ :-	Υ :-	N -	N -
	N =	N =	N =	N =	N =	N =	N =	Y =	N =
	N =	>	N =	N =	33 -	Y =	10/05/2	005 -	N -
	N =	>	20074						
3	$PP$ $\circ$	63 -	733。	1 -	Smith	$_{ m John}$	9876543	21 -	06322 -
	N =	N =	N =	N =	>	N =	N =	N =	N =
	N =	N -	N =	N =	N =	N =	N =	N =	N =
	N =	Þ	N =	N -	Þ	N =	>	N =	N -
	2007								
	-								

Line numbers are shown in this example to indicate data is all one record or row.

#### 2.8 Attendance Collection – Test Window Count

Schools must submit attendance as of the last day of the school's testing window.

• If the student is not scheduled for classes on the last day of the testing window, report attendance on the next regularly scheduled school instruction day for the student.

Schools must submit aggregate hours of instruction for all students enrolled on the last day of the school's testing window.

2.8 7	2.8 Test Window Count											
Field	Length	Name	Required	Validations	Code/Format	Description	Default if NULL					
1	2	Record Type	Yes	Required - Always the value "AT"	AT	AT stands for Attendance Test Window Count.						
2	4	District Number	Yes	No zero padding, allow any length between one and four characters	String(4)	This is your Legal Entity Number. Omit any leading zeroes.						
3	4	School Number	Yes	No zero padding, allow any length between one and four characters	String(4)	This is your School Code. Omit any leading zeroes.						
4	3	Calendar Number	Yes	Required – must be a calendar number within the district	Number	Needs to correspond with calendar set up in 2.4						
5	9	State ID	Yes	Required – no zero padding	String(9)							
6	40	Last Name	No	Required	String(40)							
7	35	First Name	No	Required	String(35)							
8	5	Test Window Count Absent	Yes	Required	NUM	Portion of count date absent (decimal). If present all day, then 0. If absent all day, then 1.0.	0.000					
9	1	Aggregate Hours of Instruction	Yes	Required		See Appendix J	F					

#### **Example Record:**

Jane Doe from District 0063 normally attends six 40 minute periods a day, but was absent for two periods on the test window count date (field 8).

She attends 4 hours of pupil instruction a day for a total annualized aggregate hours of 720 for the second semester (field 9).

Calculation: (6 periods  $\times$  40 minutes = 240 minutes  $\div$  60 minutes = 4 hours of instruction per day  $\times$  90 days in second semester = 360 aggregate hours for second semester  $\times$  2 for the year = 720 annualized aggregate hours of instruction.

$^{ m HD}$	03/28	/2007	16:30	D:00 MT1.3				
ΑT	63	733	1	123456789	Doe	Jane	. 333	F
ΑT	63	733	1	987654321	Smith	$_{ m John}$	0	H

•	^	A 44	- 0-114:	F-11 0
/_	у.	Affendanc	e Collection	– Fall Coun <del>t</del>

Future collection

### 2.10 Attendance Collection – Spring Count

Future Collection

### **APPENDICES**

### Appendix A

ENROLLMENT START STATUS		
	2.6 – Field 10	
01	Original enrollment into a school	
02	Continued enrollment same school, no interruption	
03	Re-entry to the same school after withdrawal	
04	Transfer from public school in district or state	
05	Transfer from public schl under NCLB schl choice	
06	Transfer from an out of state school	
07	Transfer from a school from out of the country	
08	Transfer from a private school within the state	
09	Transfer from home school within the state	
NOTE: Requires zero padding		

### Appendix B

ENROLLMENT END STATUS		
2.6 – Field 12		
100	End of year, returning to same school next year	
110	Promoted to another school	
120	Transfer to a public school in the same district	
130	Transfer to public schl under NCLB schl choice	
140	Transfer to public schl in another district in MT	
150	Transfer to a state-funded school	
160	Transfer to a private school in the state	
170	Transfer to a home school in the state	
180	Transfer to a school out of state	
190	Transfer to a school out of the country	
200	Suspension	
210	Medical care or treatment, eligible to return	
220	Enrolled in a foreign exchange program	
230	Enrolled in an early admissions college program	
240	Withdrawn, under age for compulsory school att	
300*	Withdrew for personal or academic reasons*	
310*	Exceeded age requirement set by district policy*	
320*	Removed, reasons other than health, not returning*	
330*	Enrolled in adult educ or military, no diploma*	
340*	Unknown*	
400	Graduated with regular diploma	
410	Completed GED test (school appr program)	
420	Completed school with other credentials	
500	Student died	
510	Student is permanently incapacitated	

<sup>\*</sup> These are considered drop-out codes. Note that the asterisk should not appear in the code or description in the application.

### Appendix C

	DROPOUT REASON	
2.6 – Field 13		
01	Academic Difficulty	
02	Attendance Difficulty	
03	Economic Reasons	
04	Employment	
05	Expelled	
06	Illness	
07	Job Corps or Similar Program	
08	Language Difficulty	
09	Marriage	
10	Military	
11	Needed at Home	
12	Over Compulsory Age	
13	Pregnancy	
14	Poor Personal Relationships	
15	Reached Maximum Age Set by District Policy	
16	Other Known Reason	
17	Unknown Reason	
18	GED (Pursuing)	
19	Suspended, Did Not Return	
20	Harassment/Feeling Unsafe at School	
21	Entered Adult Correctional Facility	
22	Lack of Childcare	
NOTE: zero padding required		

### Appendix D

ENROLLMENT SERVICE TYPE	
2.6 – Field 8	
Р	Primary
S	Secondary
N	Special Ed Services only

### Appendix E

RACE-ETHNICITY		
	2.3 – Field 12	
01	American Indian or Alaskan Native	
02	Asian	
03	Hispanic or Latino	
04	Black or African American	
05	White, Non-Hispanic	
06	Native Hawaiian or Pacific Islander	
NOTE: zero padding required		

### Appendix F

SUFFIX		
	2.3 – Field 8	
Jr	Jr	
Sr	Sr	
1	1	
II	II	
III	III	
IV	IV	
V	V	
NOTE: no periods on Jr & Sr		

### Appendix G

GRADE LEVEL		
2.6 – Field 14		
UE	Ungraded Elementary	
UM	Ungraded Middle	
UH	Ungraded High School	
PK	Pre-kindergarten	
KG	Kindergarten	
P1	Transition 1st	
01	Grade 1	
02	Grade 2	
03	Grade 3	
04	Grade 4	
05	Grade 5	
06	Grade 6	
07	Grade 7	
08	Grade 8	
09	Grade 9	
10	Grade 10	
11	Grade 11	
12	Grade 12	
NOTE: zero padding required		

### Appendix H

2.7 field 32  01 Arabic  02 Arapaho  03 Assiniboine  04 Blackfeet  05 Cheyenne  06 Chinese  07 Chippewa  08 Cree	
01 Arabic 02 Arapaho 03 Assiniboine 04 Blackfeet 05 Cheyenne 06 Chinese 07 Chippewa 08 Cree	
03 Assiniboine 04 Blackfeet 05 Cheyenne 06 Chinese 07 Chippewa 08 Cree	
03 Assiniboine 04 Blackfeet 05 Cheyenne 06 Chinese 07 Chippewa 08 Cree	
04 Blackfeet 05 Cheyenne 06 Chinese 07 Chippewa 08 Cree	
05 Cheyenne 06 Chinese 07 Chippewa 08 Cree	
06 Chinese 07 Chippewa 08 Cree	
08 Cree	
08 Cree	
09 Croatian	
10 Crow	
11 Czech	
12 Farsi	
13 Finnish	
14 French	
15 German	
16 Gros Ventre	
17 Hindi, Hindustani	
18 Hmong	
19 Japanese	
20 Kootenai	
21 Korean	
22 Navajo	
23 Nepalese	
24 Norwegian	
25 Oneida	
26 Polish	
27 Portuguese	
28 Romanian	
29 Russian	
30 Salish	
31 Shoshone	
32 Sioux/Dakota	
33 Spanish	
34 Tagalog	
35 Thai	
36 Turkish	
37 Urdu	
38 Vietnamese	
39 Other - Non American India	n
40 Other - American Indian	

### Appendix I

LEP Status	
	2.7 – Field 33
01	LEP
02	Former LEP
NOTE: Zero padding required	

### Appendix J

Aggregate Hours of Instruction	
	2.8 – Field 14
N	0 to 180 Hours
Q	181 to 359 Hours
Н	360 to 539 Hours
Т	540 to 719 Hours
F	720 + Hours

### Appendix K

Homeless Nighttime Residence			
2.7 – Field			
01	Shelter		
02	Doubled-up (Living with another family)		
03	Unsheltered (Cars, parks, campgrounds)		
04	Hotels or Motels		
05	Other		
06	Unknown		
Note: Zero p	Note: Zero padding required		